REF: 8WM-DW

Mr. Jack B. McWilliams Century Oil and Gas Corporation 7887 East Bellview Avenue, Suite 800 Englewood, Colorado 80111

> RE: UIC Permit Application Vickers #1 SWDW (MTS21PR-0002)

Dear Mr. McWilliams:

Thank you for your response to our letter of September 25. We are pleased to inform you that the UIC permit application for the salt water disposal well referenced above is now complete. We are currently in the process of writing a draft permit for this well. Once the draft permit has been prepared, EPA will issue public notice requesting public comment on the draft permit.

Laura Clemmens is the permit writer assigned to your permit. Inquiries should be addressed to Ms. Clemmens at the above address or at (303) 844-2731.

Sincerely yours,

Max H. Dodson, Director Water Management Division

CLEMMENS/craig/10/29/84/8862P/page 2/draft correction/1st final print 10/30/84/craig

performing our final seview of your application. L'appropriate, a dreft permit will be prepared.

At that time,

Burn. Du Clemans Clemans CLEMMENS/craig/9/13/84/7899P/page 1/draft corrections/lst final print 9/19/84/craig corrections/2nd final print 9/19/84/clemmens SEP 25 1984

REF: 8WM-DW

Jack B. McWilliams Century Oil and Gas Corporation 7887 East Belleview Drive Englewood, Colorado 80110

RE: Underground Injection Control (UIC)
Permit Application for
Vickers #1 SWDW (Permit No. MTS21PR-0002)

Dear Mr. McWilliams:

Thank you for your prompt response to our letter of August 21. Please note that this letter deals solely with the Vickers #1 SWDW. The Goings #1 and the Clark #1 will be addressed separately by Jim Boyter. There are two deficiencies with regard to the Vickers #1 that were overlooked in your letter of August 29. These must be addressed before we can declare your application complete. They are as follows:

- AREA OF NOTIFICATION: As mentioned in our letter of August 21, we need to have evidence that you have given separate notice of your intent to apply for a permit to each owner or tenant of the land within 1/4 mile of the Vickers SWDW #1. Please send us a copy of the notice, as well as a list of those people to whom you sent notice. Bill Moomey, in his phone call and subsequent letter of August 27, advised us that he would take care of the notification requirements and would advise us accordingly. Please contact us if there are any changes to this arrangement.
- 2) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES: As we requested in our letter of August 21, you must submit the fracture gradient of the injection formation (Dakota) to this office. If this information is not readily available to you, please advise us.

We will be unable to declare your application complete until the two items mentioned above have been addressed. Please submit the necessary information to us as soon as possible but no later than October 10. If you have any questions with regard to the Vickers #1 permit, or if we can be of help to you in any way, please contact Laura Clemmens at the Denver office at (303) 344-2731.

Sincerely yours,

Max H. Dodson, Director Waste Management Division REF: SWM-DW

Jack B. McWilliams Century Oil and Gas Corporation 7887 East Belleview Drive Englewood, Colorado 80110

RE: Underground Injection Control (UIC)
Permit Application for
Vickers #1 SWDW (Permit No. MTS21PR-0002)

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Sincerely yours, ORIGINAL SIGNED BY MAX H. DODSON

Max H. Dodson, Director Water Management Division

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AUG 2 1 1984

Ref: 8WM-DW

Jack B. McWilliams
Century Oil and Gas Corporation
7887 East Belleview Avenue
Englewood, Colorado 80111

Re: Underground Injection Control (UIC)
Permit Applications for:
Vickers #1 SWDW (Per. No. MTS21PR-0002)
Goings #1 SWDW (Per. No. MTS21PR-0003)
Clark #1 SWDW (Per. No. MTS21PR-0004)

Dear Mr. McWilliams:

On July 30, 1984, we received your applications for UIC permits to allow the injection of produced brine into the above-referenced wells in the Northwest Poplar field, Montana. We have determined that there are a number of deficiencies and/or parts missing from the applications, and will not be able to declare the applications complete and begin processing your application until they have been received. Certain deficiencies are common to all three of the applications and they are listed below. Deficiencies specific to each well follow the general listing under the well name. The problems that must be addressed on each of the three permit applications are as follows:

- 1. SIGNATORY: The person who signs the permit application must be either: 1) A principal executive officer of at least the level of a Vice-President or; 2) A duly authorized representative so identified in writing by a Vice-President or higher. See 40 CFR Section 144.32 (a) and (b).
- 2. DESCRIPTION OF INJECTION OPERATION: In the interest of expediency and clarity, please submit a brief (one or two paragraph) description of each injection operation (e.g., Well # A is injecting into the X formation and the injection fluid will be composed of produced water from well #'s B and C, producing from the Y formation). See 40 CFR Section 144.31(e)(1).
- 3. AREA OF NOTIFICATION: You are required to give separate notice of intent to apply for a permit to each owner or tenant of the land within a quarter-mile of the subject well. See 40 CFR Section 147.1355(b). When you have given notice, please submit a list of the names and addresses of the owners of record to whom you have sent notice to this office.

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Jack R. McWillians Century Did and Gar 2817 East Dellavia Englawood, Colorad

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## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

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Ref: 8WM-DW

Jack B. McWilliams
Century Oil and Gas Corporation
7887 East Belleview Avenue
Englewood, Colorado 80111

Re: Underground Injection Control (UIC)
Permit Applications for:
Vickers #1 SWDW (Per. No. MTS21PR-0002)
Goings #1 SWDW (Per. No. MTS21PR-0003)
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- 3. AREA OF NOTIFICATION: You are required to give separate notice of intent to apply for a permit to each owner or tenant of the land within a quarter-mile of the subject well. See 40 CFR Section 147.1355(b). When you have given notice, please submit a list of the names and addresses of the owners of record to whom you have sent notice to this office.

## GOINGS #1

- 1. Since you have stated that the Goings #1 is located on Indian Lands, please indicate whether or not there is a current Bureau of Land Management permit for this well. If there is such a permit, include the permit number.
- 2. With regard to your submittal for Attachment A (Area of Review Methods), the top portion of the topographic map in Exhibit I is missing. This missing portion is within the one-mile radius of the subject well. Please submit a new topographic map with the missing portion added. In addition, the maps submitted as Exhibit I and Exhibit I do not agree with each other. Specificially, the plotting of wells 27-1 and 27-3 is different on each map. Please check your plotting and resubmit.

## CLARK #1

1. Because the Clark #1 had not commenced injection prior to September 2, 1983 (which is the date of publication for the proposed UTC regulations, and the cut-off date for "grandfathering in" aquifer exemptions for existing wells), you may need an aquifer exemption in addition to a permit. Aguifers with less than 10,000 mg/l total disselved solids qualify as USDW's and must receive an exemption before EPA can issue a permit to inject (see 40 CFR Sections 144.7 and 146.4). The Goings #1 and the Vickers #1, which commenced injection on 3/22/82 and 4/1/83, respectively, were included on our initial injection well inventory and were granted automatic aquifer exemptions upon UIC program approval. In order to determine whether or not an aquifer exemption is necessary, we will need further information on the injection zone including water quality and water use. A copy of the UIC Fact Sheet on aquifer exemptions is attached. If an aquifer exemption is required for the Clark #1 well, continued use of the well is a violation of the Safe Drinking Water Act which subjects you to a penalty of up to ten-thousand dollars (\$10,000) per day of noncompliance (per 40 C.F.R. Section 144,12).

As soon as we receive all the information listed above, we will be able to proceed with processing the permits and the aquifer exemption. Please submit the required information to the Denver Regional office as soon as possible, but no later than September 6th. If you have any questions regarding this letter, or on the status of your applications, please contact Laura Clemmens (for the Vickers #1 well) at (303)844-2731 or Jim Boyter (for the Goings #1 and Clark #1 wells) at (406)449-5486.

Sincerely,
Original signed
John G. Welles
John G. Welles
Regional Administrator

ROUTING AND	TRANSMITTAL SLIP	8-3-84
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Comments ? . O Vicker's application:
what about 199.31@) ? D Letter of deficiency: p. (2) # 5. "Therefore, the estar substitted as Attachment E in inadequate for to our review procedurer." -> are you saying that Fox Hills, Itall creek and Fort union are mot listed or US & Ws in the permit application, but should be - and become of this " the data submitted in in madeguate" The A is house to follow.

## SPECIAL

U.S. ENVIRONMENTAL PROTECTION

EPA FORM 1320-8 (4-73)

Ref: 8WM-DW

Mr. Jack B. Williams

Century Oil and Gas Corporation

7887 East Belleview Avenue

Englewood, Colorado 80111

Re: Permit Applications for:
Vickers #1 SWDW
Goings #1 SWDW
Clark #1 SWDW

Injection

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- 3. AREA OF NOTIFICATION: You are required to give separate notice of intent to apply for a permit to each owner or tenant of the land within a quarter-mile of the subject well. See 40 CFR Part 147.1355(b) for details.
- 4. INDIAN LANDS: All three wells are located at 29N, 50E (Sections 6,20 and 27). It appears from our maps that all three are located on the Fort Peck Indian Reservation, yet you indicate that only the Goings #1 is on Indian Lands. Please clarify. Owners or operators on or within one-half mile of Indian Lands must extend the area of notification (as mentioned in comment #3) to one-half mile of the subject well. See 40C FR Section 147.1355